

SPATA13 Polyclonal Antibody

| Product Details | |
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| Size | 100 µL |
| Species Reactivity | Human |
| Published Species | Human |
| Host/Isotype | Rabbit / IgG |
| Class | Polyclonal |
| Type | Antibody |
| Conjugate | Unconjugated |
| Immunogen | Recombinant protein corresponding to Human SPATA13 |
| Form | Liquid |
| Concentration | 0.3 mg/mL |
| Purification | Antigen affinity chromatography |
| Storage buffer | PBS, pH 7.2, with 40% glycerol |
| Contains | 0.02% sodium azide |
| Storage conditions | Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles. |
| RRID | AB_2647788 |

| Applications | Tested Dilution | Publications |
|------------------------------|-----------------|---------------|
| Immunohistochemistry (IHC) | 1:200-1:500 | 1 Publication |
| Immunocytochemistry (ICC/IF) | 0.25-2 µg/mL | - |

Product Specific Information

Immunogen sequence: ALRPAEWGTL DGSDLEDTDD AFQRSTHRSR SLRRAYGLGR ICLLDAPQNH ATPTIATGQV PAVCEILVRD PENNSMGYRR SKSTDNLAFK KSSFKRKST SNLADLRTAH

Highest antigen sequence identity to the following orthologs: Mouse - 54%, Rat - 54%.

Immunohistochemistry (1)

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|--|------------------|
| PLoS genetics | Year 2020 |
| Mutations in SPATA13/ASEF2 cause primary angle closure glaucoma. | Species Human |
| "PA5-59096 was used in Immunohistochemistry to suggest that SPATA13 is involved in the regulation of mitosis and the mutations dysregulate GEF activity affecting homeostasis in tissues where it is highly expressed, influencing PACG pathogenesis." | |
| Authors: Waseem NH,Low S,Shah AZ,Avisetti D,Ostergaard P,Simpson M,Niemiec KA,Martin-Martin B,Aldehlawi H,Usman S,Lee PS,Khawaja AP,Ruddle JB,Shah A,Sackey E,Day A,Jiang Y,Swinfield G,Viswanathan A,Alfano G,Chakarova C,Cordell HJ,Garway-Heath DF,Khaw PT,Bhattacharya SS,Waseem A,Foster PJ | |

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